

Current Facts and Research

Autism in Our Schools

- 1 in every 68 children are currently diagnosed with an Autism Spectrum Disorder (CDC report, March 2014).
- Over 17,600 students with ASD receive special education services in North Carolina (NC Department of Public Instruction, April 2015).
- Under the Individuals with Disabilities Education Act (IDEA), schools have an obligation to provide free appropriate education in the least restrictive educational environment possible to all students.



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Current Facts and Research

A Research to Practice Gap

- 27 evidence-based practices (EBPs) are identified and described in a comprehensive review conducted by UNC, Frank Porter Graham Child Development Institute, Autism Evidence-Based Practice Review Group. http://autismpdc.fpg.unc.edu/sites/autismpdc.fpg.unc.edu/files/2014-EBP-Report.pdf)
- Despite the availability of research, many teachers don't feel adequately trained or equipped with the resources necessary to implement these practices (Zucker et al, 2013).
- Even teachers with experience and training face barriers to implementing the practices proven to support students with ASD.



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Current Facts and Research

The Legal Implications

- Students with autism are involved in one third of published court decisions over access to least restrictive environment and free, appropriate education under the Individuals with Disabilities Education Act (Zirkel, Journal of Special Education Leadership 24(2), Sept 2011).
- In the study, Zirkel concluded that "given the obvious costs in terms of time, money, emotions and adversariness" of litigation, school district officials must
 - · provide research-based programs
 - · increase intentional collaboration with families



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Current Facts and Research

Role of Parent Collaboration

- Given the potential for due process and lawsuits, "special education leaders need to pay particular attention to establishing effective communications and trust building with parents of students with autism" (Zirkel, 2011).
- "Children with autism do best when there is a strong partnership between the school and the home" (Smith, "Educators Deal with the Growing Problem of Autism" Edutopia 2008).



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Barriers

- · Competing demands on teachers
- · Scheduling conflicts and time constraints
- · Multiple perspectives and priorities
- Challenge of linking educational standards and requirements to research and practice



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Why consider a new framework for collaboration?

Current facts and barriers demand a new approach that gives teachers the foundation and support they need to help students achieve their highest potential.



Ultimately, all students deserve the very best we can offer.



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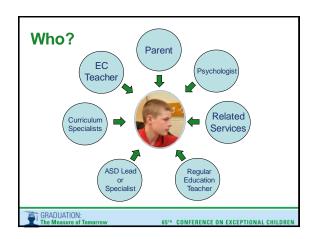
How is this framework different?

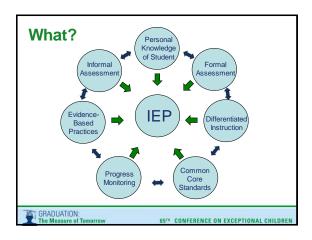
- Collaboration goes beyond the IEP team at the school level.
- Use the expertise from across the district to overcome barriers and provide tangible resources.
- Establish clear connections between educational standards and classroom instruction.
- Use technology to create a centralized location for educators to interact, share and collaborate.

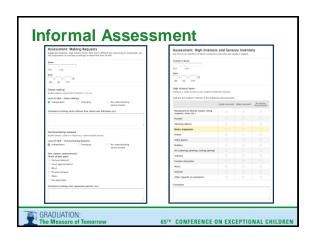


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How is this framework different? Who? Knowledge Tangible resources Common collaboration Rethinking collaboration Rethinking collaboration







Evidence-Based Practices for Autism

Wong, C., Odom, S., Hume, K., Cox, A., Fettig, A., Kucharczyk, S., ... Schultz, T. (2013). Evidence-Based Practices for Children, Youth, and Young Adults with Autism Spectrum Disorder. Chapel Hill: The University of North Carolina, Frank Porter Graham Child Development Institute, Autism Evidence-Based Practice Review Group.

For the full report, please go to

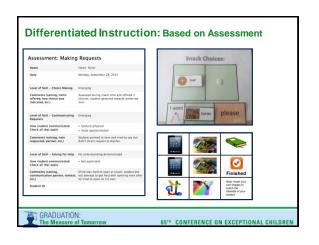
http://autismpdc.fpg.unc.edu/sites/autismpdc.fpg.unc.edu/files/2014-EBP-Report.pdf

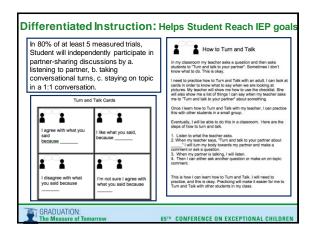
GRADUATION: The Measure of Tomorrow

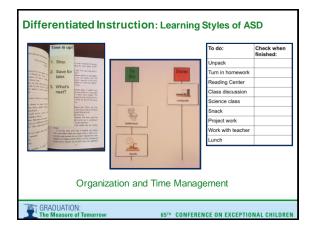
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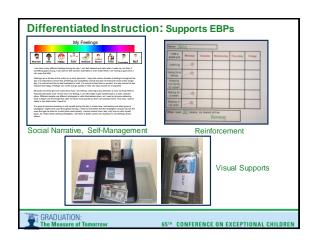
Evidence-Based Practices	Social and Comm.	Behav ior	Mgmt. and Org.	Academics	Preschool/ Readiness	Daily Living (Adaptive and Pre- vocational)
Antecedent Based Intervention (ABI)	~	V	V	~	~	V
Cognitive Behavioral Intervention (CBI)	V	V	~			V
Differential Reinforcement (DRA)	V	V	~	V	V	V
Discrete Trial Training (DTT)	~	V	V	V	~	V
Exercise (ECE)		V	V		~	~
Extinction (EXT)	~	V	V		V	~
Functional Behavior Assessment (FBA)	~	V	V	V	~	~
Functional Communication Training (FCT)	V	V	~		~	~
Modeling (MD)	~		V		V	V
Naturalistic Intervention (NI)	V	V			V	
Parent Implemented Intervention (PII)	V	V	~		V	V
Peer Mediated Instruction (PMII)	~		V	~	~	
Picture Exchange Communication System (PECS)	~				~	

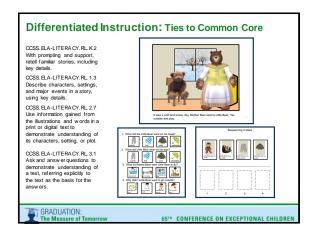
Evidence-Based Practices	Social and Comm.	Behav ior	Mgmt. and Org.	Academics	Preschool/ Readiness	Daily Living (Adaptive and Pre- vocational)
Pivotal Response Training (PRT)	V				V	
Prompting (PP)	~	~	~	~	V	~
Reinforcement (R+)	V	~	V	~	V	V
Response Interruption/Redirection (RIR)	~	~	~		~	~
Scripting (SC)	V		V		V	V
Self-Management(SM)	~	~	~		~	~
Social Narrative (SN)	V	V	V	V	V	V
Social SkillsTraining (SST)	~	~	~		~	
Structured Play Groups (SPG)	V	V	V	V		
Task Analysis (TA)	~			~	~	~
Technology Aided Interventions (TAII)	V	V	V	V	V	V
Time Delay (TD)	~	~	~	~	~	~
Video Modeling (VM)	V	V	V	V	~	V
Visual Supports (VS)	~	~	~	~	~	~
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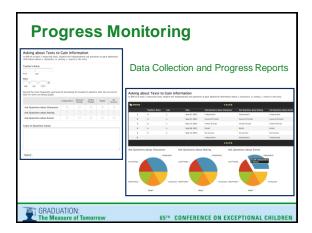












Use of Technology to Support the Framework

- · Centralized Site
 - · District Intranet
 - · Wikispaces (wikispaces.com)
 - Google Sites (sites.google.com)
- · Organized Content Management
 - IEP goal bank tied to standards
 - Differentiated materials
- · Informal Assessment and Progress Monitoring Tools
 - · Google forms (docs.google.com/forms)
 - · Wufoo (wufoo.com)



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Use of Technology to Support the Framework

- · Allows collaboration and input beyond your school
- · Centrally located resources
- Organization to clarify connections between essential components (measurable IEP goals, assessment and progress monitoring, EBPs, differentiated materials, Common Core Standards)



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References

Mesibov, G., Shea, V., & Schopler, E. (2004). The Culture of Autism. In The TEACCH Approach to Autism Spectrum Disorders (6th ed., pp. 19-32). New York, New York: Springer Science Business Media, LLC.

Smith, F. (2008, March 19). Educators Deal with the Growing Problem of Autism. Edutopia. Retrieved January 6, 2015, from http://www.edutopia.org/.

Wong, C., Odom, S., Hume, K., Cox, A., Fettig, A., Kucharczyk, S., ... Schultz, T. (2013). Evidence-Based Practices for Children, Youth, and Young Adults with Autism Spectrum Disorder. Chapel Hill: The University of North Carolina, Frank Porter Graham Child Development Institute, Autism Evidence-Based Practice Review Group.

Zirkel, P. (2011). Autism Litigation under the IDEA: A New Meaning of "Disproportionality" *Journal of Special Education Leadership*, 24(2), 92-103.

Zucker, S., Perner, D., Perras, C., & Murdick, N. (2103). Best Practices for Practitioners in Autism, Intellectual Disability and Developmental Disabilities. Education and Training in Autism and Developmental Disabilities, 48(4), 439-442.



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Resources and Websites	
Centers for Disease Control and Prevention http://www.cdc.gov/ncbddd/autism/research.html	
Common Core Standards http://www.corestandards.org/read-the-standards/	
Public Schools of North Carolina Department of Public Instruction http://ec.ncpublicschools.gov/reports-data/child-count/reports	
Individuals with Disabilities Education Act http://idea.ed.gov/	
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